

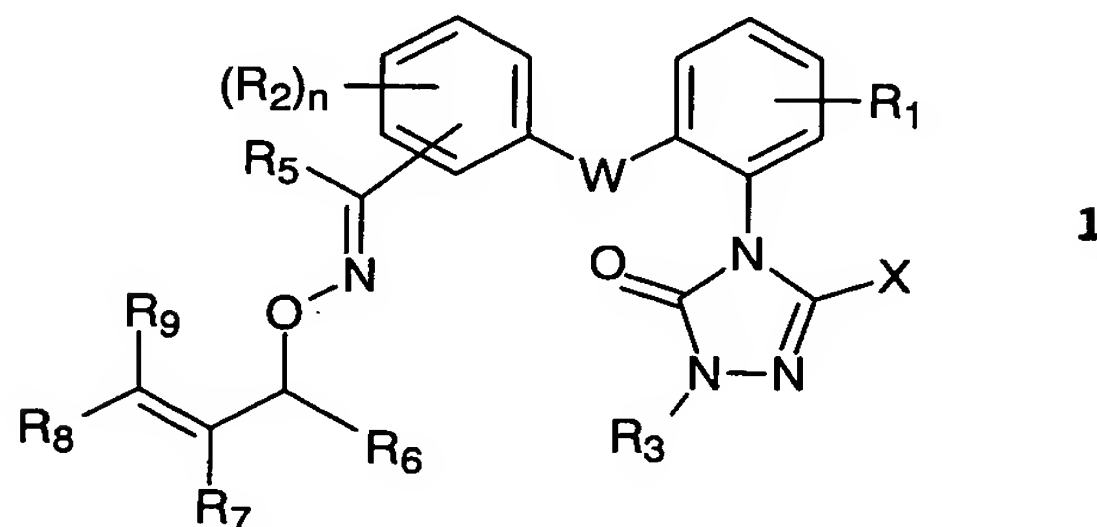
APT 34 ANDT

We claim:

1. An oxime ether compound of the formula 1

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where:

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W is $-\text{OCH}_2-$, $-\text{C}(\text{R}_{10})=\text{N}-\text{O}-\text{CH}_2-$;X is halogen, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy;

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 R_1 is H, C_1 - C_4 -alkyl, halogen, nitro, CN, halo- C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy; R_2 is H, C_1 - C_4 -alkyl, halogen, nitro, CN, halo- C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy;

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n is 1 or 2;

 R_3 is H, C_1 - C_4 -alkyl;

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 R_5 is H, C_1 - C_4 -alkyl, C_2 - C_4 -alkenyl; R_6 is H, C_1 - C_4 -alkyl, C_1 - C_4 -haloalkyl, C_2 - C_4 -alkenyl, aryl;

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 R_7 is H, halogen, C_1 - C_6 -alkyl, C_1 - C_6 -haloalkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -haloalkenyl, C_3 - C_6 -cycloalkyl, C_3 - C_6 -halocycloalkyl, unsubstituted or substituted aryl;

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 R_8 is H, halogen, C_1 - C_6 -alkyl, C_1 - C_6 -haloalkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -haloalkenyl, C_3 - C_6 -cycloalkyl, C_3 - C_6 -halocycloalkyl, unsubstituted or substituted aryl, or

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5 R₇ and R₈, together with the carbon atoms to which they are attached, form an unsaturated heterocycle having 5 or 6 ring atoms and one or two heteroatoms, independently of one another selected from nitrogen, oxygen and sulfur, which heterocycle may be substituted by one or two radicals which, independently of one another, are selected from the group consisting of C₁-C₄-alkyl, halogen, nitro, CN, halo-C₁-C₄-alkyl, OH, C₁-C₄-alkoxy, unsubstituted or substituted aryl, C₂-C₄-alkenyl, 10 halo-C₂-C₄-alkenyl, C₂-C₄-alkynyl, halo-C₂-C₄-alkynyl;

15 R₉ is H, halogen, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₂-C₆-alkenyl, C₂-C₆-haloalkenyl, C₃-C₆-cycloalkyl, C₃-C₆-halocycloalkyl, unsubstituted or substituted aryl;

R₁₀ is H, halogen, C₁-C₄-alkyl.

2. A compound of the formula 1 as claimed in claim 1 where:

20 W is -OCH₂-, -C(R₁₀)=N-O-CH₂;

X is halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy;

25 R₁ is H, C₁-C₄-alkyl, halogen, halo-C₁-C₄-alkyl;

R₂ is H, C₁-C₄-alkyl, halogen, halo-C₁-C₄-alkyl;

R₃ is H, C₁-C₄-alkyl;

30 n is 1 or 2;

R₅ is H or C₁-C₄-alkyl;

35 R₆ is H, C₁-C₄-alkyl, halo-C₁-C₄-alkyl;

R₇ is H, halogen, C₁-C₆-alkyl, halo-C₁-C₆-alkyl, C₃-C₆-cycloalkyl, C₃-C₆-halocycloalkyl, phenyl;

40 R₈ is H, halogen, C₁-C₆-alkyl, halo-C₁-C₆-alkyl, C₃-C₆-cycloalkyl, C₃-C₆-halocycloalkyl, C₂-C₆-alkenyl, phenyl which may be substituted by one or two halogen or C₁-C₄-alkyl; or

45 R₇ and R₈, together with the carbon atoms to which they are attached, form an unsaturated heterocycle having 5 or 6 ring atoms and one or two heteroatoms, independently of one another selected from nitrogen, oxygen and sulfur,

which heterocycle may be substituted by one or two radicals which, independently of one another, are C₁-C₄-alkyl, halogen, halo-C₁-C₄-alkyl, C₁-C₄-alkoxy and phenyl which may be substituted by one or two halogen or C₁-C₄-alkyl;

R₉ is H, halogen, C₁-C₆-alkyl, halo-C₁-C₆-alkyl, C₃-C₆-cycloalkyl, C₃-C₆-halocycloalkyl, phenyl;

R₁₀ is H, halogen, C₁-C₄-alkyl.

3. A compound of the formula 1 as claimed in claim 1 or 2 where:

W is -OCH₂-, -C(R₁₀)=N-O-CH₂;

X is halogen, C₁-C₄-alkoxy;

R₁ is H, C₁-C₄-alkyl;

R₂ is H, C₁-C₄-alkyl;

n is 1 or 2;

R₃ is C₁-C₄-alkyl;

R₅ is H, C₁-C₄-alkyl;

R₆ is H, C₁-C₄-alkyl;

R₇ is H, halogen, C₁-C₆-alkyl;

R₈ is H, halogen, C₁-C₆-alkyl, C₂-C₆-alkenyl; or

R₇ and R₈, together with the carbon atoms to which they are attached, form a thiophenyl, furanyl, oxazolyl or thiazolyl radical, where these groups may have one or two substituents which are selected independently of one another from the group consisting of C₁-C₄-alkyl, halogen and phenyl which may be substituted by one or two halogen;

R₉ is H, halogen, C₁-C₆-alkyl;

R₁₀ is H, C₁-C₄-alkyl.

4. A compound of the formula 1 as claimed in any of the preceding claims where:

W is $-\text{OCH}_2-$, $-\text{C}(\text{R}_{10})=\text{N}-\text{O}-\text{CH}_2-$;

X is C_1-C_4 -alkoxy;

R_1 is H;

R_2 is H, C_1-C_4 -alkyl;

n is 1 or 2;

R_3 is C_1-C_4 -alkyl;

R_5 is H, C_1-C_4 -alkyl;

R_6 is H, C_1-C_4 -alkyl;

R_7 is H, halogen;

R_8 is H, C_1-C_4 -alkyl, halogen; or

R_7 and R_8 , together with the carbon atoms to which they are attached, form a thiophenyl or oxazolyl radical, where these groups may be substituted by one or two halogen or phenyl and the phenyl may be substituted by one or two halogen;

R_9 is H, halogen;

R_{10} is H, C_1-C_4 -alkyl.

5. A compound of the formula 1 where:

W is $-\text{OCH}_2-$, $-\text{C}(\text{R}_{10})=\text{N}-\text{O}-\text{CH}_2-$;

X is halogen, C_1-C_4 -alkyl, C_1-C_4 -alkoxy;

R_1 is H, C_1-C_4 -alkyl, halogen, nitro, CN, halo- C_1-C_4 -alkyl, C_1-C_4 -alkoxy;

R_2 is H, C_1-C_4 -alkyl, halogen, nitro, CN, halo- C_1-C_4 -alkyl, C_1-C_4 -alkoxy;

n is 1 or 2;

R₃ is H, C₁-C₄-alkyl;

R₅ is H, C₁-C₄-alkyl, C₂-C₄-alkenyl;

5 R₆ is H, C₁-C₄-alkyl, C₁-C₄-haloalkyl, C₂-C₄-alkenyl, aryl;

R₇ is H, halogen, C₁-C₆-alkyl, C₁-C₆-haloalkyl,
C₂-C₆-alkenyl, C₂-C₆-haloalkenyl, C₃-C₆-cycloalkyl,
C₃-C₆-halocycloalkyl, unsubstituted or substituted aryl;

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R₈ is H, halogen, C₁-C₆-alkyl, C₁-C₆-haloalkyl,
C₂-C₆-alkenyl, C₂-C₆-haloalkenyl, C₃-C₆-cycloalkyl,
C₃-C₆-halocycloalkyl, unsubstituted or substituted aryl;

15 R₉ is H, halogen, C₁-C₆-alkyl, C₁-C₆-haloalkyl,
C₂-C₆-alkenyl, C₂-C₆-haloalkenyl, C₃-C₆-cycloalkyl,
C₃-C₆-halocycloalkyl, unsubstituted or substituted aryl;

R₁₀ is H, halogen, C₁-C₄-alkyl.

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6. The use of the compounds of the formula 1 as claimed in any
of claims 1 to 5 as fungicides or for controlling pests.

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7. A fungicide, comprising solid and/or liquid carriers and a
fungicidally effective amount of at least one compound of the
formula 1 as claimed in claim 1.

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8. A method for controlling fungi, wherein the fungi or the
materials, plants, seeds or the soil threatened by fungal
attack is treated with a fungicidally effective amount of at
least one compound of the formula 1 as claimed in claim 1.

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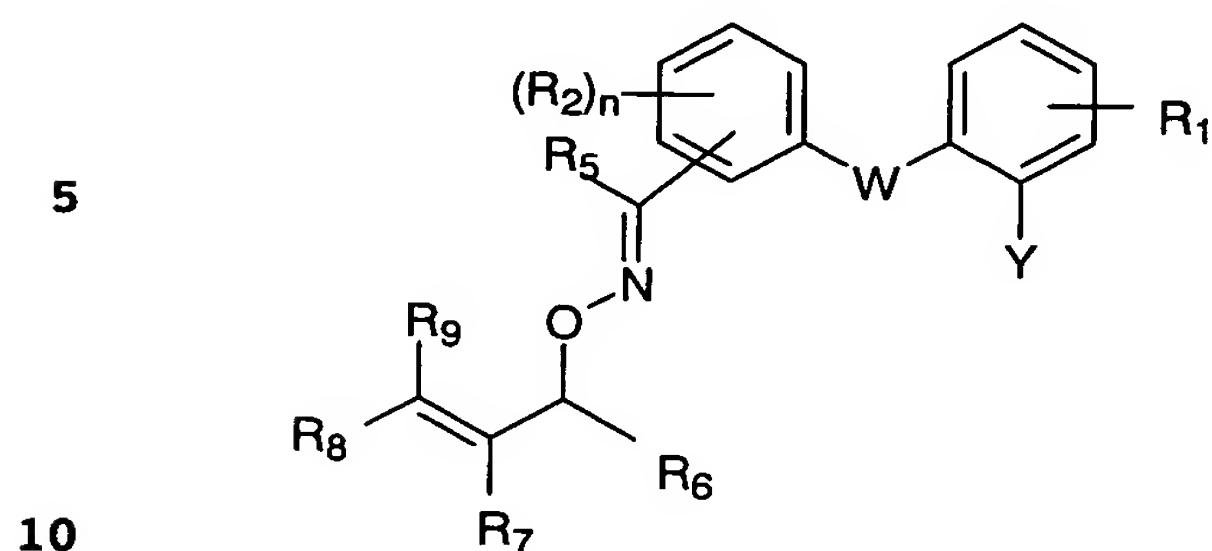
9. A composition for controlling pests, comprising inert
additives and a pesticidally effective amount of at least one
compound of the formula 1 as claimed in claim 1.

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10. A method for controlling pests, wherein the pests and/or
their habitat are treated with a pesticidally effective
amount of at least one compound of the formula 1 as claimed
in claim 1.

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11. A compound of the formula 6



in which

15 W, R₁, R₂, R₅, R₆, R₇, R₈, R₉ and n are as defined in any of claims 1 to 5 and Y is NH₂.

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